

Title (en)

METHOD FOR PRODUCING REFINED GLYCERIN ALKYL ETHER

Title (de)

VERFAHREN ZUR HERSTELLUNG VON VERFEINERTEM GLYCERINALKYLETHER

Title (fr)

PROCÉDÉ DE PRODUCTION D'ÉTHER ALKYLIQUE DE GLYCÉRINE RAFFINÉ

Publication

EP 2851360 A4 20151230 (EN)

Application

EP 13790664 A 20130424

Priority

- JP 2012114957 A 20120518
- JP 2013062109 W 20130424

Abstract (en)

[origin: EP2851360A1] Provided is a method for producing refined glycerin alkyl ether at a high recovery rate by removing glycerin from a mixture containing glycerin and glycerin alkyl ether. A method for producing refined glycerin alkyl ether comprising the following steps (1) and (2): step (1) : bringing a mixture containing glycerin and glycerin alkyl ether into contact with a cation exchange resin; step (2) : bringing the cation exchange resin into contact with a solvent having an SP value of from 20.5 to 34 (MPa) ^{1/2} to obtain an eluate.

IPC 8 full level

C07C 41/36 (2006.01); **C07C 43/13** (2006.01)

CPC (source: CN EP US)

C07C 41/36 (2013.01 - CN EP US)

C-Set (source: CN EP US)

C07C 41/36 + **C07C 43/13**

Citation (search report)

- [A] EP 1785410 A1 20070516 - DAICEL CHEM [JP]
- [A] US 3742069 A 19730626 - HUNTER R
- See references of WO 2013172165A1

Cited by

US10370134B2; EP3737484A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

EP 2851360 A1 20150325; EP 2851360 A4 20151230; EP 2851360 B1 20161116; CN 104302608 A 20150121; CN 104302608 B 20160511; JP 2013256492 A 20131226; JP 5462391 B2 20140402; PH 12014502495 A1 20150112; PH 12014502495 B1 20150112; US 2015126783 A1 20150507; US 9371260 B2 20160621; WO 2013172165 A1 20131121

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EP 13790664 A 20130424; CN 201380025983 A 20130424; JP 2013062109 W 20130424; JP 2013091458 A 20130424; PH 12014502495 A 20141107; US 201314401806 A 20130424